GOONUMBLA SOLAR FARM



ABOUT FRV

FRV Services Australia is a subsidiary of leading global solar development business, Fotowatio Renewable Ventures.

Since entering the Australian market in 2010, FRV has initiated multiple large-scale solar farm developments in NSW, Victoria, South Australia and QLD. This includes the Royalla Solar Farm near Canberra that was the winner of the first ever solar ACT government auction. Leading Australian solar developer, FRV Services Australia (FRV), is developing a utility-scale solar farm called Goonumbla Solar Farm, approximately 10km west of Parkes in New South Wales.

The proposed solar farm will consist of approximately 230,000 solar panels installed across the approximately 385-hectare site. The solar farm will have a 68.7-megawatt (MWac) capacity of clean, renewable energy – enough to power over approx. 45,000 average Australian homes.

The project is currently in the *pre-construction stage*. The Development Application was lodged in September 2016 and approved in December 2016 by the State.

THE SITE

With an abundance of natural sunlight, New South Wales is particularly well-suited to the generation of solar energy.

The Goonumbla Solar Farm will be built on private land located off the Henry Parkes Way in the outskirts of Parkes, approximately 10km west of the Parkes township.

The site has been previously cleared of vegetation and used for grazing & cropping. The surrounding land is largely rural, with a few nearby residential dwellings. Existing high voltage powerlines run along through the site.



Location of Goonumbla Solar Farm

Contact us

Have a question? If you would like more information about the Goonumbla Solar Farm project, please email <u>infoaustralia@frv.com</u>



THE SOLAR FARM

The Goonumbla Solar Farm will use the latest in solar energy generation technology. Solar panels similar to those on household rooftops will be installed on tracking systems that allow them to rotate and follow the sun. This enables them to capture the maximum amount of energy possible, increasing the efficiency and output of the solar farm.

Design and layout of the Goonumbla solar farm will be in accordance with local planning laws and will specifically aim to minimise any environmental or neighbour impacts.

Visual appearance

Typically, solar farm developments are relatively unobtrusive as they are low profile. Solar panels will be installed at the same height or lower than other existing features in the landscape and vegetation screens will be planted to protect the amenity of nearby residents.

To connect to the grid, the solar farm will use an existing substation, located northwest, directly adjacent to the solar farm; TransGrid's Parkes Zone Substation.



Environment

FRV is committed to environmentally sensitive development and the protection of local flora and fauna. A detailed ecological assessment of the site has been completed and incorporated into the design of the solar farm to minimize environmental impact. Construction and operation of the Goonumbla Solar Farm will be designed around existing waterways to ensure minimal impact on water flows in the area.

Community value



Construction of the Goonumbla Solar Farm will provide a significant boost to the regional economy.

It is expected the solar farm will create up to 150 new jobs during the construction phase.

The solar farm will also create a new, sustainable industry that assist in activating and growing a viable new local industry.